

**MULTIPLE DEGREES OF FREEDOM CONNECTORS AND ADAPTERS****Abstract**

Connector devices that provide multiple degrees of freedom of motion between a first connector head and additional connector heads and/or electronic devices are described. The multiple degrees of freedom of motion permit motion in one or both of two planes and, perhaps, rotation about an axis in a controlled and fixed manner. Such connector devices allow peripheral devices to be folded or rotated in close proximity to a hosting device. Connector devices that incorporate circuitry for implementing distribution/hub functionality are also described.